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MAY 28 2008

U.S. Application No.: 10/516,361

RESPONSE

Reply to Office communication of 05/05/2008

Attorney Docket No: 3875-033

REMARKS

In response to the Office communication dated 05/05/2008, Applicants elect primer pair of sequence IDs 19 and 25 with traverse and the following comments.

Please note that the primer pair of sequence IDs 19 and 25 is for detection of the presence of *Leishmania donavani* sequence in a sample wherein both the primers are linear, and the donor and acceptor fluorescent moieties on two primers come within 0-25 nucleotide distance (FRET distance) in the specific amplification product designed for the amplification and signal generation. Both the primers of this pair are linear and are for sequence detection as per one aspect of nucleic sequence detection of the present invention as depicted in claims 1-10 of the original PCT filing.

The primer of sequence ID 23 of the primer pair (sequence IDs 23 and 24) is the hair-pin quenched form of the linear primer of sequence ID 25. This primer (sequence ID 23) along with the primer (sequence ID 24) allows detection of the presence of *Leishmania donavani* sequence in a sample by nucleic acid amplification as per another aspect of the present invention as depicted in claim 18 of the original PCT filing wherein the donor and the acceptor fluorescent moieties on two primers come within 0-25 nucleotide distance (FRET distance) in case of formation of primer dimer, and in specific amplification product the donor and acceptor moieties remain well separated from each other so that there cannot be any FRET between the two moieties, and signal is generated from the separation of the quencher moiety from the fluorescent moiety of the hair-pin quenched primer of sequence ID 23.

Accordingly both the sequences are required for working of the invention and they are related to form a single inventive concept.

Favorable consideration and early issuance of an Office action on the merits are respectfully requested. Should further issues remain prior to allowance, the Examiner is respectfully requested to contact the undersigned at the indicated telephone number.

The Commissioner is hereby authorized to charge any fees which may be required at any

(WP500548;1)

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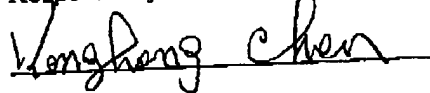
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time during the prosecution of this application without specific authorization, or credit any  
overpayment, to Deposit Account Number 50-0951.

Respectfully submitted,



Dated: May 28, 2008

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